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Ballet Dancer

## BALLET DANCER (Kleinsorge, 1949)

Each $\$ 15.00$
Resembling the swirling skirt in a "pirouette" this distinctive apricot-tan is another Cascade Splendor seedling and a sister of Minuet. Standards are large, full and closed. The falls are almost horizontal, very broad, waved and crimped at the rim. Form is only one special attribute
the coloring is delightfula buffy golden apricot self which carries well. 38 inches, large and well branched.


BALLET DANCER growing in the Kleinsorge garden. Note spacing, branching and the poise and flare of individual blossoms.

One of the great thrills of gardening comes from the addition of brand new introductions fresh from the trial beds of the plant breeder. For the past 18 years we have been offering the newest productions of Dr. R. E. Kleinsorge, whose Irises have become world famous. Just a few of his most notable ones are Bryce Canyon, Cascade Splendor, Tobacco Road, Chamois, Ranger, Ormohr, Daybreak, Grand Canyon, Arctic, Old Parchment and General Patton . . . . the list could go on and on! The four just released herewith are of equally high merit.

From the garden of John Dolman in Swarthmore, Penna., comes a new velvety red, Black Ruby. Mr. Dolman has been awarded an H. C. certificate for this Iris.

MINUET (Kleinsorge, 1949)
Each $\$ 10.00$
A heavily ruffled and fluted blend, predominantly old gold in color but with falls of delicate lavender-blue bordered with old gold. The finely netted haft is soft brown, the beard very rich orange. Parentage is Chamos x Cascade Splendor and the form of Minuet very closely resembles this latter parent. 40 inches tall, mediam branching.

Minuet


# ntroductions for 1949 

EL PASO (Kleinsorge, 1949)
Each $\$ 10.00$
This seedling of Tobacco Road crossed with Goldbeater is a richer, brighter, more lively golden brown than the famous "tobacco colored" parent. It has a luminous, metallic finish which gives it exceptional richness and a glowing quality which most browns seem to lack. Standards are closed and the broad falls flare gracefully. A large flower of medium height-about $32-34$ inches; good branching.


Opal Cloud

OPAL CLOUD (Kleinsorge, 1949)
Each $\$ 10.00$
A huge blend of pinkish opalescent tints. Not a pink Iris, but a harmony of pearl and opal and soft rose with coppery shading near the border of the falls. This copper suffusion is present near the hafts and the crests are copper colored. The over-all effect is a sort of terra-cotta-pink with pale violet suffusions. Cascade Splendor crossed with Daybreak. 42 inches tall and very well branched.

BLACK RUBY (Dolman, 1949)
Each $\$ 10.00$
An almost black-red, extra smooth and glossy. It is very early, being one of the first of the tall bearded Iris to open. Hafts are clean and devoid of markings, the bronze-gold beard seemingly placed on a solid piece of velvety crimson-black. Branching is good and the stems are about 34 to 36 inches in height. Increases rapidly and soon forms a fine clump. HC AIS, 1946.

Be among the first to grow them!


# The World's Finest Irises 

## ACTION FRONT (Cook, 1942)

Each $\$ 1.50$
A huge flower of glowing deep coppery red, with extra broad falls and solidly colored haft. Beard is brilliant yellow. A grand grower, with strong stalks and heavy foliage. Height 3 feet.

Each $\$ 12.50$
A spectacular new white from a famous introducer. The crisp, firm flowers, with closely domed standards and semi-flaring falls are large and very white, surmounted by a thick brilliant gold beard. This combination suggests a naval officer in white with rich gold shoulder ornaments. Fine spacing of flowers, a husky grower, 36 to 42 inches in height. HM AIS, 1948.

## ALASTOR (Spender, 1940)

Each 75 c; 3 for $\$ 2.00$ One of the very few exceptional Irises originated in England just prior to the outbreak of the war. This is a beautiful flower in deep pink tones, vivid and alive, with golden center and a golden hazel-brown haft. AM AIS, 1941.

ALONA (DeForest, 1945)
Each $\$ 3.50$
A soft pink blend, heavily ruffled, with horizontal falls, in the color range of China Maid. The stalk is well branched, about three feet in height. Foliage has a deep purple cast.

## ALPINE GLOW (Kleinsorge, 1945)

Each $\$ 3.00$ Large flower of subdued rose tones, bordering on lilac or pale violet. It has a slaty overcast, suggesting the soft colors of mountain valleys at sundown. The beard is gold and there is some brown shading on the haft. A sturdy and well branched stalk 40 inches tall holds the self-colored blossoms well aloft. Petals are crimped like an Oriental Poppy. HM AIS, 1946. See page 27.

AMBER GEM (Salbach, 1946)
Each $\$ 7.50$
Blended shades of bright chestnut and gold, an extra large and full flower with great color appeal. Standards are rich golden brown shading to gold at the base. Golden style arms. Large, broad falls of bright chestnut-brown with prominent veining of deeper brown. Blooms are beautifully poised on well branched 36 -inch stems. Very distinct. HM AIS, 1947.

## AMIGO (Williamson, 1934)

Each 75c; 3 for $\$ 2.00$ This richly colored Iris suggests purple Pansies, with its velvety texture and sharp contrasting shades of blue and violet. It is one of the most popular varieties of all time and in 1945 was given a special award by the English Iris Society. Standards are clear light violetblue; falls intense violet-purple edged the color of the standards. 34 inches tall, a fine grower and good reliable bloomer. HM AIS, 1936; AM, 1938. Turn to page 26.

AND THOU (Graves, 1942)
Each $\$ 1.50$
A self of palest Wedgwood-blue, with a deeper blue flush in the center of the bloom. Beard deep blue, tipped white. Strong stalks with good branching, bearing large, rounded flowers. 40 inches tall. HM AIS, 1942.

ANGELUS (Egelberg, 1937)
Each $50 \mathrm{c} ; 3$ for $\$ 1.25$ In color a bright light pink, with slight lavender iridescence just below the lemon beard. Throughout the center there is a delicate infusion of lemon-yellow. Large, husky stems, 3 feet tall. Very late. HM AIS, 1942.

ANITRA (H. Sass, 1936)
Each $40 \mathrm{c} ; 3$ for $\$ 1.00$ A silvery sky-blue, pure in color, of great size and beautiful form. Particularly effective and strikingly blue in late afternoon and early evening. Midseason; average height. See page 28.

## ANNA WILLIAMSON (Cook, 1946)

Each $\$ 5.00$
A lovely bright bicolor pink, the standards lighter than the falls. The pink tone is on the rosy side, with an underlying yellow suffusion. Large flower, broad petals and ideal form, 3 feet tall. HM AIS, 1946.

ARAB CHIEF (Whiting, 1944)
Each $\$ 3.00$
An Iris of rich and brilliant coloring-very near to burnt orange in effect. It is a pure self of intense color value, of large size, pleasing form and has exceptionally vigorous growing and blooming habits. HM AIS, 1946.

## ARCTIC (Kleinsorge, 1940)

Each 75c; 3 for $\$ 2.00$
Here is one of the most beautiful and best Iris originated by this famous raiser of notable seedlings. A huge white and gold flower of perfect form, with ruffled but closed standards and broad falls that are as smooth as white enamel. There is an area of bright yellow throughout the center of the flower and the standards have a creamy tint. Established plants will produce spikes 4 feet and over in height, with as many as six open foamy flowers at one time. HM AIS, 1941; AM, 1942. See back cover and also page 38.

AUBANEL (Cayeux, 1935)
Each 75c
This pink blend from France is one of the loveliest Irises ever received from that country and one of the nearest to pink in color. It is large and well formed, sort of shrimp-pink with a good deal of yellow in the center. Very limited stock.

## AUBURN (Kleinsorge, 1945)

Each $\$ 7.50$ This is certainly a new color in Iris-at least we have never seen anything like it. The name Auburn was selected because it seems especially suited to the flower. Both standards and falls are a coppery henna-brown, with an undertone of gold, and the falls have a brilliant patch of blue in the center at the tip of the beard. This is a remarkably vivid Iris which glows when seen a block distant. Very early, with 36 -inch stems. Color plate on page 11 is very close. HM AIS, 1946.

## AZURE SKIES (Pattison, 1943)

Each $\$ 2.00$
Originally called "Summer Skies" by Mrs. Pattison, the originator, this is a self of pale azure-blue with firm domed standards and flaring, almost horizontal falls. The flowers are beautifully ruffled and have wide hafts, surmounted by a white beard. Declared by many to be the most lovely of all light blue Iris to date. 36 inches. AM AIS, 1945. See page 9 .

BAGDAD (W hiting, 1946)
Each $\$ 10.00$
A deep, strong yellow, overlaid with a metallic finish of burnished brass. Of pleasingly flaring form, very heavy in substance. This is a strong grower, nicely branched, hardy and increases rapidly. A real "brass-yellow."

BALMUNG (H. Sass, 1939)
Each $\$ 1.00 ; 3$ for $\$ 2.50$
Just about the finest, in our opinion, of all the Sass series of yellow Plicatas. The ground color is a definite yellow and the markings are peppered on in cinnamon-brown. Note the illustration-it is a perfect likeness. Much larger than others of this series, with tall stems and good habit. HM AIS, 1940; AM, 1942. Shown on page 22.

BANDMASTER (Hall, 1944)
Each $\$ 4.00$
A very large, vigorous growing and free blooming medium blue, a few shades lighter than The Admiral and deeper than Great Lakes. The color holds up unusually well. Immense foliage and heavy stems 36 to 40 inches tall. HM AIS, 1944.


Golden Fleece

## BERKELEY GOLD (Salbach, 1942)

Each $\$ 1.50$
This fine yellow continues to hold a place near the top in the list of 100 best Iris. Absolutely perfect in form, on stems that average 3 feet and over, well branched and with flowers of very rich solid yellow, it is regarded by many judges as the world's best yellow Iris. HM AIS. 1944; AM 1946.

BERMUDA SAND (Hall, 1939) Each $\$ 1.00 ; 3$ for $\$ 2.50$ A glorified and gigantic Jean Cayeux, both standards and falls heavily ruffled. Deeper in color than Jean Cayeux, a light coffee-tan with a glint of gold. Freshly opened blooms are reddish gold. Strong growing with broad foliage and sturdy bloom stalks.

BERTHA GERSDORFF (J. Sass, 1942)
Each $\$ 1.50$
An oddly feathered flower of pale yellow, marked with rosy purple in a most unusual manner. Standards pinkish shading to yellow; falls yellow brushed with rose-purple. Large blooms, lots of them, on 3 foot stems.

BLACK BANNER (Nicholls, 1947)
Each $\$ 4.00$
Velvety, intensely colored near black. Sleek and rich in its midnight hue, with practically solid dark hafts. Increases very rapidly and grows well everywhere. Height 3 ft . HM AIS, 1947.

BLACK FOREST (Schreiner, 1945)
Each $\$ 6.00$
"Black as pitch," says the introducer. A rich, silky, ebony blue-black, the effect of which is intensified by a very solid haft and a blackish blue beard. Medium in height, with flaring falls. A very startling new introduction. HM AIS, 1946; AM, 1948.

## BLUE FRILLS (Stephenson, 1946)

Each $\$ 5.00$
Pure azure-blue, darker than Great Lakes but still a light blue Iris. Clear and uniform in color, the flowers rounded in style, and of a rich glossy texture. The blue tinged beard adds to the color note. 34 inches.

BLUE RHYTHM (Whiting, 1945)
Each $\$ 7.50$
Very large flowers of Cornflower-blue, softened by a silvery overtone. The large standards are arched and domed, the broad falls are semiflaring with smoothly colored hafts. Growing from 3 to 4 feet in height, perfectly branched, we consider it just about tops as a blue Iris. HM AIS, 1945; AM, 1947.

BLUE SHIMMER (J. Sass, 1942)
Each \$2.50
An entirely different Plicata. Clean, sparkling white with an all-over pattern of clear blue stippling. The blue seems to be peppered on the white background in an even manner, rather than in the familiar buttonhole-stitch style. The flowers are extremely large and full. Certainly one of the most outstanding Irises of the past few seasons. HM AIS, 1942; AM, 1944. See page 14.

BLUE VALLEY (K. Smith, 1947)
Each $\$ 18.00$
This new Iris, a seedling of Lake George crossed with Great Lakes, has been the subject of much praise and comment. Very near to true blue, ruffled and large in size, it possesses an unusual sparkling sheen. Few plants. HM AIS, 1947.

BRIGHT LIGHTS (Schreiner, 1946)
Each $\$ 5.00$
Actually a yellow Plicata along the lines of Tiffanja, but with less of the Plicata pattern and a more yellow and white contrast. The falls carry a central patch or "blaze" of almost pure white. The stitchings are soft brown. A very colorful clump. Shown on page 11.

BRILLIANT AMBER (Salbach, 1947)
Each $\$ 10.00$
Deep amber standards with slight pinkish cast. Big, semi-flaring falls of bright golden brown with deeper gold veining. The beard is deep yellow. A strong growing variety, well branched, distinct and bright in tone. 40 inches tall. HM AIS, 1947.

BRYCE CANYON (Kleinsorge, 1944)
Each $\$ 6.00$
A distinct and warm shade of henna-copper, self colored and so named because of the similar colors found in the rock formations of one of America's most famous tourist attractions. It has especially broad hafts, large, rounded falls, and finely held standards. The picture on page 12 is an excellent likeness. Bryce Canyon achieved instant popularity. Awarded HM AIS in 1945; AM in 1947, and is in fourth position in this year's list of 100 most popular Iris. A good grower everywhere, hardy, 3 feet and over in height.

BURGUNDY ROSE (Hall, 1946)
Each $\$ 5.00$
Ruffled dark rosy amethyst, a very strong and bright splash of color in the garden. The falls carry rather prominent veins of darker tone. A self, borne on heavy, well-branched stalks just slightly under 3 feet in height.

CALIFORNIA GOLD (Mitch., 1933) Each 35c; 3 for 90c By all odds the best value in a yellow Iris at anywhere near the price. It is an easy grower and free bloomer, a deep glittering yellow of very large size and surpasses everything in its color except the recent novelties. See page 28.

CAMEROUN (Cayeux, 1938)
Each $\$ 1.00$
A but little known French Iris of velvety blackish hue, one of the best we have ever grown. The blooms are huge, almost black, with a beautiful sheen and very broad falls. Our stock is limited.


Cherie

## CAMPFIRE GLOW (Whiting, 1947)

Each $\$ 20.00$
Glowing ruby self, heavily overlaid with bright copper which gives it a metallic sheen. A genuine self with no haft markings even the beard is deep copper-red. Wide and full form but the flowers are of medium size. Substance is firm and the blooming season very long. Height 30 to 36 inches. A very rare color gem. HM AIS, 1947.

CAPTAIN WELLS (Cook, 1941)
Each $\$ 1.50$
Deep glossy maroon-purple; a large, rich, solidly colored self, neat and finished in appearance. There are no haft markings, and beard is a subdued bronze-yellow. Possesses a wonderful "shine" or gloss that gives it life despite its unusual darkness. HM AIS, 1942; AM, 1943.

CASA MORENA (DeForest, 1943)
Each $\$ 4.00$ Large flowers - yes, extra large of deep, glistening, rich brown. Same solid color on standards and falls. Styles yellowish; beard brownish orange. Not just a novelty, but a flower that adds an entirely new, rich note to the garden picture. See the accurate picture on page 18 -the picture, of course, is much reduced in size. Height 38 inches. HM AIS, 1944; AM, 1946.

CASCADE SPLENDOR (Kleinsorge, 1945)
Each $\$ 6.00$ Very large ruffled pink, tan and apricot blend, with extra heavy stalk 40 inches tall and bearing up to ten flowers. The ruffing is more pronounced than in any Iris we have ever introduced and is most unusual in so large an Iris. It blooms quite late. HM AIS, 1945; AM, 1947. See page 13 for an excellent kodachrome of this flower.

## CHAMOIS (Kleinsorge, 1944)

Each $\$ 6.00$
One of the largest Irises we have ever introduced, beautifully formed, both standards and falls waved at the edges. It is pure chamois in color, standards and falls identical, the beard yellow, tipped bronze. There are no veinings or markings of any kind; the petals have a soft, satiny finish and glisten with myriad frosty particles. We are certain that you will find this Iris different from any other you have ever seen. HM AIS, 1945; AM, 1948. Shown in color on page 11.

Each $\$ 5.00$
A ruffled orchid-pink. The edges of both standards and falls are so heavily ruffled and frilled that they have the appearance of being edged with lace of a lighter shade than the rest of the flower. From the same line of breeding as the famous Flamingo Pinks. 36 -inch stems, strong and well branched. HM AIS, 1945; AM, 1947. Shown on the cover.

CHERIE (Hall, 1947)
Each $\$ 20.00$
Most famous of all the new Hall "flamingo pinks." A large, ruffled, full bodied pink self of excellent form and substance with a deep tangerine beard. The 34 -inch stems are stout and well branched; growth is vigorous and increase above average. Well illustrated on this page. HM AIS, 1947.

CHINA MAID (Milliken, 1936) Each 75c; 3 for $\$ 2.00$ Gigantic pink blend, with copper and gold tones smoothly blended into a harmonious whole. The effect is a luscious pink. A rampant grower, producing stalks that reach 4 feet, with a myriad of delightfully formed big flowers. HM AIS, 1938; AM, 1939.

CHIVALRY (Wills, 1944)
Each $\$ 10.00$
This outstanding big blue won the Dykes Medal in 1947. Of smooth medium blue color, large in size and quite ruffled, a sturdy growing Iris with every good point. It is one of the most sought after varieties of the day. Stock limited.

## CHRISTABEL (Lapham, 1936)

Each 50c
Continues to hold its own with the newest red introductions. It is brilliant and very red in effect, glorious as a garden clump. Almost a self, smoothly finished, large in size and about 3 feet in height. HM AIS, 1936; AM, 1938.

CITY OF LINCOLN (H. Sass, 1936) Each 50c; 3 for $\$ 1.25$ Brightest, largest, and surely the finest of all true Variegatas. Clear golden yellow standards, broad, fiery red falls, startling in their contrast. When well grown on an established plant it is unbeatable. HM AIS, 1937; AM, 1939. See page 28.



Daybreak

## CLOTH OF GOLD (Whiting, 1945)

Each $\$ 3.00$
To say that this is another excellent deep yellow would attract scant interest. But last spring we saw a great many wonderful seedlings and new named varieties in Mrs. Whiting's Iowa garden. One of the best displays in the planting was a group of Cloth of Gold-deep in color, perfectly formed, tall and stately. We highly recommend it as one of the very finest vellows. HM AIS, 1947.

CLOUD CASTLE (Graves, 1944)
Each \$3.00
Exquisite Wistaria-blue with mauve undertone, a very large and majestic Iris. The falls are slightly waved and ruffled, broad and widely flaring. A fit companion to Azure Skies, taller and more on the mauve side than blue. HM AIS, 1944.

## COPPER LUSTRE (Kirk, 1934)

Each 50c; 3 for $\$ 1.25$
Entirely different from all others, its great popularity has resulted not only from the odd and beautiful copper tone of its flowers, but also from the fact that it performs well in all sections of the country. It positively glows in its bright copper, gold, and pinkish tan blendings. Dykes Medal, 1938.

## COPPER RIVER (DeForest, 1945)

Each $\$ 6.00$ Glistening tan; falls overlaid bright new penny copper. The ruffled flaring form of this new Iris, coupled with its brilliant sheen, makes it most attractive. 36 inches, well branched.

COPPER ROSE (Cook, 1941)
Each \$1.50
A smooth blending of old rose, $\tan$ and copper, brightened by a glow of golden yellow at the center. Standards between buff-pink and Japan-rose; falls between terra cotta and ochre-red. Coloring is rich and bright, the flowers medium to large in size, with very wide standards and falls. HM AIS, 1942; AM, 1943. leather-a deep coppery oxblood tone, very rich and glossy. Standards are coppery rose-red, the hafts are finely netted with minute webbing and the falls have a distinct frill or ruffle. HM AIS, 1947.

Deepest in color of the flamingo pinks. It is not as large nor has it as good form as Cherie, but the color is outstanding. The 30 -inch stems are strong and the branching is good. The vivid, deep tangerine beard is very prominent and adds a fiery note. All of these new pinks are winter hardy and set seed freely.

DAMERINE (Gage, 1939)
Each $\$ 75 \mathrm{c} ; 3$ for $\$ 2.00$ This fine red, not so well known, is a real surprise in this color group. A large flower of deep red, the standards domed and the falls flaring. Near the shade of Christabel, very velvety and uniform in color. Bronze Medal at the New York World's Fair in 1940.

DAYBREAK (Kleinsorge, 1941)
Each \$2.00
Huge golden pink, with slight undertone of copper. The flowers are well shaped, with closed standards and falls that are semi-flaring, but there is a suggestion of ruffling in the entire blossom. The name is most appropriate. Daybreak has a proud record: HM AIS, 1942; AM, 1943; runner-up for Dykes Medal in 1945; TIED FOR DYKES MEDAL IN 1946. We have fine rhizomes this year, and lots of them. Shown at left.

## DEEP VELVET (Salbach, 1939)

Each $\$ 1.00$
A striking introduction, one of the richest and best dark Irises we have yet seen. Self colored in very dark, yet bright, blackish red-purple, with perfectly formed blossoms of very large size. Brownish suffusion at the haft, with deep bronze beard. HM AIS, 1941; AM, 1942.

DESERT SONG (Fay, 1946)
Each $\$ 10.00$
New cream self, beautifully ruffled and with extra large flowers of excellent proportion. Texture is especially heavy and the flowers last a long time in either rain or heat. Stems reach a height of $31 / 2$ feet. HM AIS, 1946.

DESTINY (Burgess, 1934)
Each 40c; 3 for $\$ 1.00$
A great heavy flower of deepest blackish bronze-purple, the beard rich golden bronze. From New Zealand, and credit is due the originator for having made it possible for American gardens to enjoy such an outstanding Iris. It has all good points excellent form, tall stems, and succeeds everywhere.

## DISPLAY (Grant, 1942)

Each $\$ 1.50$
One of the darkest and richest reds we have ever bloomed in our garden. Almost black in certain lights, it glows with a hidden fire in others. Described as Spanish red, shading to deep maroon, it has but little of the purple influence in it. No veining at the haft; yellow beard flecked brown. About 3 feet tall. HM AIS, 1942.

DISTANCE (Cook, 1946)
Each $\$ 9.00$
Silvery light blue, smooth in finish and very evenly colored. There is no coarse veining in the flower and almost no markings at the haft. The white beard is quite inconspicuous. Selected from hundreds of blue seedlings by the originator of such things as Sable, Dreamcastle, Pink Reflection and Capt. Wells. HM AIS, 1946.

DOGROSE (Insole, 1930)
Each 50c; 3 for $\$ 1.25$
Deep rose-pink self, on very tall, wiry stems. We originally imported this Iris from England several years ago and have constantly had difficulty in keeping enough stock to offer. A very free bloomer, it is of medium size but makes a most colorful and effective pink garden clump and is a beautiful cut flower in the house.

DREAMCASTLE (Cook, 1943 )
Each $\$ 7.50$
An orchid-pink self, the segments very broad and of bright clear tones. The white beard, tinted lemon at the base, tends to emphasize the solid pink effect. One of the most sought after varieties and stock is very scarce. See page 18. AM AIS, 1948
E. B. WILLIAMSON (Cook, 1937) Each 40c; 3 for $\$ \mathbf{1 . 0 0}$ Glowing coppery red blend; it stands in a special niche all its own, because it is neither red nor copper. Large flowers of silky texture fragrant, on 3 -foot stems. HM AIS, 1938; AM, 1939.

EDWARD LAPHAM (Lapham, 1942)
Each $\$ 3.00$
A very fine new red by the man who produced Red Gleam. The coloring is rich and glossy, deep but bright maroon-red; the blooms trimly tailored with no haft venation and a brownish touch near the center. Bronze-gold beard. Height about 3 feet.

For sheer brilliance here is an Iris that will constantly catch the eye of every visitor. It is a huge deep yellow with the falls flushed orange. The striking feature about it, however, is the infusion of orange-red on the falls, sort of brushed on, particularly about the center. It is not a Plicata and can hardly be called a blend. One of the most distinct of all Sass Irises.

ELMOHR (Loomis, 1942) Each $\$ 1.00 ; 3$ for $\$ 2.50$ Winner of the Dykes Medal in 1945, this red-violet seeding of Wm. Mohr has acquired the greatest popularity in the shortest time of any Iris ever introduced. One of the very largest of all Irises, the great blooms are daintily ruffled, of a silky texture and remarkable substance. The stems are well branched and at least 3 feet tall. Because it has proven to be hardy everywhere and increases rapidly, the price has reached a point where every genuine Iris connoisseur can and should own it. HM AIS, 1942: AM. 1943. Shown in color on pages 34 and 43.

EL MOROCCO (Becherer, 1945)
Each $\$ 1.50$ A beautiful opal-pink Iris whose broad rounded falls and leather-like substance quickly attracts attention. About half way between the colors of Angelus and Morocco Rose; well branched, 36 inches tall.

ELSA SASS (H. Sass, 1939) Each 60c; 3 for $\$ 1.50$ An entirely new shade of yellow, clear sulphur, with a greenish cast in its depths and a near white blaze near the haft The bloosoms are of good size, rounded in form and slightly frilled at the edges. 3 feet tall. HM AIS, 1939; AM, 1944. See page 23.


Bright Lights

EROS (Mead-Riedel, 1934) Each 40c; 3 for $\$ 1.00$ Very tall salmon-colored self, the throat lit with gold. Stems are slim but stout, and the flowers are produced in great profusion. Increases rapidly, making a splendid mass of solid salmon-pink. HM AIS, 1934.


Chamois


Bryce Canyon

## ESQUIRE (Lothrop, 1945)

Each $\$ 7.50$
Sultry blue-purple-huge, widely branched, commanding in stature and form. Between Violet Symphony and Brunhilde in color. This is one of the best new things from Southern California and it is said to be hardy in the east. 45 inches tall. HM AIS, 1947.

EXCLUSIVE (Grant, 1937)
Each 35 c; 3 for $\$ 1.00$
Sofo powder-blue self, quite different from all other blues. Tall and stately, with blooms of perfect form and thick enamel finish. Just a suggestion of yellow in the center to liven it up. HM AIS. 1937; AM, 1939.

EXTRAVAGANZA (Douglas, 1944)
Each $\$ 8.00$
Almost white standards shaded cream at the base, the falls a medley of copper, red, lavender and deep violet, with a violet flush down the center. On the order of Wabash, but is more of a blend especially in the falls. One of the most talked about new things. HM AIS. 1944; AM, 1947.

A lovely rose and orchid-toned pink, distinctive and quite different in color from the flamingo pinks. The coloring is smooth and luscious, more vivid than most in this series. Beard is tangerine-red. Beautiful branching, above average size, stout 30 -inch stems. HM AIS, 1947.

FAR WEST (Kleinsorge, 1936)
Each 40c; 3 for $\$ 1.00$
One of the loveliest of all blends, a rare mixture of salmon and golden sand, of coral and henna, with a soft glow at the heart. Height 3 feet and over. Far West is the parent and grandparent of many of Dr. Kleinsorge's finest seedlings. HM AIS, 1937.

FIRECRACKER (Hall, 1943)
Each $\$ 3.50$
A glowing dark burgundy-red Plicata, with yellow trim. The flowers have good substance, are well formed and are carried on fairly well branched, stout, 32 -inch stems. The depth and richness of color commands the attention of every visitor. Shown on page 35 .

FLORADORA (Hall, 1947)
Each \$7.50
A medium toned flamingo-pink, of good form and substance on wellbranched 30 -inch stems. The blooms are of medium size with a geranium-red beard. Size of flower, foliage and stem are in good balance. A self with no haft markings.

FLORA ZENOR (J. Sass, 1942)
Each $\$ 1.00$; 3 for $\$ 2.50$ Something entirely different in color-a melting cameo-pink that has been referred to as "like the foam on a Strawberry soda." It has lines of heavier color near the haft, with a most startling shrimp-red beard. Not large, it is an Iris to be enjoyed as a clump for its most novel color. HM AIS, 1942; AM, 1944.

FLORENTINE (Cayeux, 1937)
Each 75c; 3 for $\$ 2.00$
A Plicata that is really individual in style - the white ground color is entirely dotted with soft blue, with such an over-all effect that the flower seems quite submerged in flaky blue dust. Enormous in size, with very tall stalks and good branching.

FORTUNE (Kleinsorge, 1941
Each $\$ 1.00 ; 3$ for $\$ 2.50$ Solid and uniform old gold, a flower of startling size and broadly spreading form. The color is not dull, but very much alive due to a peculiar overlay of "rusty red" that seems to come from nowhere but is apparent in all parts of the flower. Of medium height, the gigantic blooms are on a level that permits full observation of their size and beauty. In color on page 45.

FORTUNE'S FAVOR (DeForest, 1944)
Each $\$ 4.00$
Really a giant in size, this new blend has about everything one could ask for in a good Iris. The tan standards are broad and closed. The very wide falls are rounded and colored a glistening $\tan$ overlaid with lavender flush. Slightly waved and ruffled, lit up by an extra heavy deep yellow beard.

FRANCONIA (Graves, 1942)
Each $\$ 3.50$
As cool and classic as white marble, a gigantic and perfectly formed white Iris which may be the best white of all. Certainly it is as fine as any we have ever grown and we recommend it without hesitation. Originated in New Hampshire, its hardiness is unquestioned. HM AIS, 1942.

FRANK ADAMS (Lapham, 1937) Each 50c; 3 for $\$ 1.25$ A tall and very well-proportioned large Iris with rosy tan standards flushed yellow and rosy red falls. It is not a true Variegata but might be called a Variegata blend. The colors are not harsh and blend well in the garden schemes. Flowers, stalk and foliage are unusually large size. HM AIS, 1938; AM, 1940. Shown in color on page 27.

FRIEDA MOHR (Mohr, 1926)
Each 35c; 3 for 90c
One of the all-time Iris greats. A massive lilac-pink or light rosy violet flower with broad, spreading falls. When established and well grown, this Iris will reach 5 feet in height, with stalks and foliage in proportion. Far from new, it still thrills all who see it. See page 29.

GARDEN FLAME (H. Sass, 1941)
Each $\$ 1.50$
A very deep rose-mahogany, if you can imagine such a color. Called by some judges rose-red, but it is nearer garnet, with a deep rose and brown area about the center. It has no haft markings, making it one of the richest and handsomest of all dark Irises. Large, with very broad falls, and it blooms quite late. HM AIS, 1940; AM, 1943. In color on page 27.

GARDEN GLORY (Whiting, 1943)
Each $\$ 5.00$
A pure self of rich Bordeaux-red; a seedling from Red Douglas crossed with Garden Magic. This is one of the nearest to true red of any Iris ever flowered in our gardens; pure, deep and rich, with no haft venation whatsoever. Smoothly finished witb deep bronze-gold beard. Height 33 inches. HM AIS, 1945; AM, 1947.

## GARDEN MAGIC (Grinter, 1936)

Each $\$ 1.00 ; 3$ for $\$ 2.50$ A very late, very large, and especially velvety deep red self. After more than ten years it continues to hold its own, right up front among the best red Irises. Many people will hardly believe it costs only a dollar! Has not increased fast and supply is usually short. HM AIS, 1937. See color cut on page 43

GAY SENORITA (Salbach, 1944)
Each \$2.00
Large round standards of deep honey-yellow, broad semi-flaring falls of golden yellow ground color, heavily overlaid deep brown with dceper brown veining over the whole surface. Falls are fluted at the edges. This is a brand new Iris of most unusual appearance; it does not fade in the sun and the stalks are well branched and 36 to 40 inches tall. HM AIS, 1945.

GENERAL PATTON (Kleinsorge, 1947) Each $\$ 15.00$ A solid copper-brown self, liked by some critics as Dr. Kleinsorge's finest production to date. Compared with Bryce Canyon, of which it is a seedling, it is much darker, richer, and appears brown rather that terra cotta in tone. A metallic undertone makes it glisten in the sun. HM AIS, 1947.

GLAD TIDINGS (Whiting, 1947)
Each $\$ 4.00$ One of the most interesting of the new Irises-a unique waxyellow, very closely branched so that it somewhat resembles a huge Gladiolus spike. Individual flowers are very large and ruffled, the substance amazingly heavy. Lower blossoms are the first to open. 34 inches.

GLORIOLE (Gage, 1933)
Each 50c; 3 for $\$ 1.25$ An Iris of huge size with pale blue petals overlaid with frosty crystal-like particles. Wonderfully well formed and a noble flower, waved and ruffled. Sometimes called "ice-blue." Height 40 inches. HM AIS, 1933; AM, 1935.

GOLDBEATER (Kleinsorge, 1944)
Each \$3.00
This is the oft-mentioned yellow of the AIS Bulletins, a solidly colored chrome-yellow self that has invariably drawn praise from judges. It is all yellow, deep and bright, without markings or blendings of any kind and the buds themselves are like gobs of deep yellow paint. A good grower, fast increaser, and will make a glorious garden display. Large flowers, excellent branching. HM AIS, 1945.

GOLDEN EAGLE (Hall, 1942)
Each \$1.50
Brilliant light yellow, with a satiny sheen. One of the largest of all Irises, it is clear, even yellow throughout, without a trace of amber or other shadings. A rapid increaser and easy grower. Mr. Hall considers this one of his best introductions. HM AIS, 1942.

GOLDEN FLEECE (J. Sass. 1940)
Each $\$ 1.50$
A big lemon-colored flower with creamy falls edged gold. Beautifully ruffed, huge in size, tall and a good grower. The illustration on page 8 is an excellent likeness. HM AIS, 1940; AM. 1942.

## GOLDEN HIND (Chadburn, 1934)

Each 35c; 3 for $\$ 1.00$ The deepest golden yellow of all. Of medium size and height. with horizontal falls, it is the standard used by most breeders in their efforts for the perfect solid yellow. Very fast increaser and makes a startling golden mass in the garden. HM AIS, 1937.

## GOLDEN MAJESTY (Salbach, 1938)

Each 60c; 3 for $\$ 1.50$
For a deep yellow with all good habits we can recommend Golden Majesty above all others in this price field. A big flower with broad falls and closed standards. does not fade in the sun and has proven reliable everywhere. 40 inches tall. HM AIS, 1939; AM, 1940. See page 19.


Cascade Splendor

## GOLDEN RUSSET (Hall, 1946)

Each $\$ 7.50$
The unusual feature of this flower is its great size. In line with the name, it is golden russet in color-a self. The enormous flowers are 7 inches high and 9 inches wide. with broad hafts. Grows to 40 inches on very heavy stalks. Will evoke many "ohs" and "ahs" from visitors. HM AIS, 1947.

GOLDEN SPANGLE (Cassebeer, 1944)
Each $\$ 1.00$
Deeper yellow than Golden Fleece but with a somewhat similar color arrangement. Domed yellow standards; falls clear white with heavy gilding of rich yellow forming a complete border. The orange beard brings out in sharp contrast the white area of the falls. Tall, with many flowers beautifully poised and ruffled. HM AIS. 1944.
GOLDEN SPIKE (Whiting, 1940)
Each 75c; 3 for $\$ 2.00$
A very popular deep yellow with stunning rich orange beard. One of the deepest colored of all the yellows, it does not fade, has several flowers open at one time, and is both large and tall. HM AIS, 1940 ; AM, 1942


Patrice

## GOLDEN TREASURE (Schreiner, 1936)

Each 50c; 3 for $\$ 1.25$
Solid deep cream, but with an outpouring of rich, golden orange all about the central portion of the flower. Tall, perfectly branched, very floriferous, it will stand out in a planting of hundreds of varieties. HM AIS, 1936; AM, 1938. See page 27.

## GOOD NEWS (Kleinsorge, 1946)

Each $\$ 5.00$
Brilliant mustard-gold self. A much rufled flower with immense wide standards, nicely domed. Falls are exactly the same color, with narrow band of copper shading near the outer edges. A sister seedling of Chamois and Bryce Canyon, not quite as tall as either of these, but about 33 inches in height and a profuse bloomer. Illustrated in color on page 22. HM AIS, 1947.

## GRAND CANYON (Kleinsorge, 1941)

Each $\$ 1.00 ; 3$ for $\$ 2.50$ An odd blend of rather deep tones of plum and copper, and gold. Entirely different from any Iris we have ever introduced, it is an Iris to be admired at close range and is especially suited to bringing indoors and associating with Oriental rugs. Attractively formed and delicately ruffled. About 40 inches tall, perfectly branched, and it flowers over a very long season. Very large, it is accurately shown in color on page 22. HM AIS, 1943; AM, 1944.

GREAT LAKES (Cousins, 1938) Each $\$ 1.00 ; 3$ for $\$ 2.50$ A clear blue self, produced in Canada by Lyman Cousins, of London. Ontario. A broadly spreading regal type of flower, with handsome foliage and 4 -foot stalks, ideally branched. Look at its record: HM AIS, 1939; AM, 1940; Dykes Medal, 1942; No. 1 in the AIS judges' symposium for four successive years and among the first ten for eight years! Shown on page 19.

## GUBRUN (Dykes, 1931)

Each 35c; 3 for 90 c Heavily textured enormous white, with petals like those of a Magnolia. A warm or creamy white, with brilliant orange beard and suffusion of gold sprinkling over the entire bloom. Sold very short last year. See page 28.


Blue Shimmer

GYPSY (Kleinsorge, 1944)
Each \$2.00
Coppery gold standards and falls of solid chestnut-brown, silky rather than velvety. A very late Iris that brings something new into the Variegata field. There is such a contrast in the standards and falls, the latter decidedly rounded and uniformly brown without haft markings, that it commands immediate attention. 4 -foot stems, lots of flowers. HM AIS, 1945. See page 6.

GYPSY BARON (Schreiner, 1942)
Each $\$ 1.50$
Very deep blue-purple Plicata. The flowers are marbled rather than stitched, giving the blossoms a much darker appearance than the usual Plicata type. Big and bold, accurately shown in color on page 45.

GYPSY ROSE (Whiting, 1946)
Each $\$ 10.00$
Rich tapestry-red suffused with a warm glow of copper and a touch of blue in the center of the falls. The blooms are extra large and wide-petaled, with pleasingly rounded form. Very tall and vigorous grower. Few plants.

HARRIET THOREAU (Cook, 1944)
Each $\$ 3.00$
A new and delightful orchid-pink self of individuality and style. Tall and strong stems, the flowers large and of substantial build with color that is clear and bright; petals slightly waved. Height 38 inches. HM AIS, 1945. See color illustration on page 38.

HARVEST MOON (Whiting, 1944)
Each \$2.00
A luscious apricot blend, the flowers large and rounded, with full, wide petals of extra heavy substance. Almost as fine as Mellowglow and very much the same color.

HELEN McGREGOR (Graves, 1946)
Each $\$ 10.00$
Clear pale blue, pure and uniform in color, the sensation of the Iris world the year of its introduction. Of perfect form, flaring and daintily ruffled, very large, beautifully spaced on nice stems, it is not only supreme as a light blue but ranks as one of the best of all new Irises. HM AIS, 1946; AM, 1948.


The Capitol


Rajah Brooke The "Super" Collection

## IO FOR \$20.00

Your Selection

Blue Shimmer
The Capitol Alpine Glow
Goldbeater
Harriet Thoreau Innovation
Jasper Agate
Lothario
Patrice
Rajah Brooke
Ranger
Sylvia Murray
Tea Rose
Vice Regal
Three Oaks
ALL 15 FOR $\$ 30.00$


Lothario

Another flamingo-pink, with some ruffling, good form and substance, and a little larger flower than Courtier or Floradora, carried on wellbranched 34 -inch stems. Color is lighter than Courtier and deeper than Floradora and it has the characteristic tangerine beard.

ICY BLUE (Weed, 1940)
Each 60c; 3 for $\$ 1.50$
The lightest blue self in the list. Beautifully formed, amply branched and the stems reach 4 feet. Almost white, the color is clearly defined as lightest delicate blue with orange beard. HM AIS, 1941.

IDANHA (Kleinsorge, 1942)
Each $\$ 1.00$
This is a tall, pronounced bicolor with apricot-yellow standards and pinky falls. A profuse bloomer on stalks that reach 4 feet, widely and abundantly branched, making it ideal for garden effect-a pink-and-tan picture. Large blooms, lasting over a long period.

## ILLINOIS SUNSHINE (Faught, 1946)

Each \$5.00
A new yellow of great size, deep in general tone but the falls have a slightly lighter central area. Beard is deep yellow. Very tall, widely branched and has increased astonishingly in our garden.

INDIAN HILLS (Grant, 19.37) Each 40c; 3 for $\$ 1.00$ Rich true purple, more red than blue, with a silky sheen about it that gives it exceptional brilliance. Very large oval-shaped blossoms, a rampant grower and one of the most effective as a garden massgloriously vivid.

## INDIANA NIGHT (Cook, 1942)

Each $\$ 4.00$
Lustrous, deepest, richest velvety purple, almost black. The finest and most satisfying dark Iris of a long series of seedlings from the famous Sable. 38 -inch stems, well branched, with every good quality desired in an Iris. Midseason and long lasting. HM AIS, 1942; AM, 1944. Shown on page 30 .

INNOVATION (Hall, 1945)
Each $\$ 3.00$
A rose-trimmed Plicata, brighter and more colorful than other pinkish Plicatas. It carries a lot of color-a pink Firecracker, as it werewith 3 -foot stems and good branches. Hardy and increases fast. HM AIS, 1947.

INSPIRATION (Stevens, 1937)
Each $\$ 1.50$
Brilliant cerise-rose, huge and imposing. This is the only Iris we have in this color-something entirely different and it happens to have all good points. Practically a self, with slightly brownish warm cast on the haft.

JAKE (Long-Sass, 1943)
Each $60 \mathrm{c} ; 3$ for $\$ 1.50$
A white white, with no other color in it except a trace of pale yellow near the center. Large flowers, well formed, free blooming and an easy grower. Stands right up alongside many more expensive new whites. See page 31.

JASPER AGATE (Williams, 1943)
Each $\$ 3.00$
Distinct new shade of copper-gold-red, with an underlying copper-pink tone throughout the entire flower. Hard to describe, it is really a new color to the Iris spectrum, with smooth velvety finish and no veining; a true self. HM AIS, 1944.

JEAN CAYEUX (Cayeux, 1931)
Each 35c; 3 for 90c A smooth, soft, light buff, described by some as "coffee colored." The stems are tall and well branched and the large flowers are slightly wavy. A very distinct Iris.

JULIET (Kleinsorge, 1946)
Each \$5.00 We think that this is one of the most colorful and fiery blends that we have seen. It is a sort of flame-copper, with salmon shadings, and the beards and central areas are a mass of brilliant burnt orange. Large flowers; the standards upright and well closed, the falls broad and distinctly flaring. Increases fast and makes a gorgeous clump. HM AIS, 1947.

IUNALUSKA (Kirk, 1934)
Each $40 c ; 3$ for $\$ 1.00$ Copper-red falls and copper-gold standards-a magnificent Iris with a coppery red garden effect. An early bloomer, very tall and well branched. Always admired and one of the "best sellers" in this catalog. Runner-up for the Dykes Medal in 1938. HM AIS, 1936; AM, 1937.

KATHERINE FAY (Fay, 1945)
Each \$5.00
A grand white, large, tall and with semi-flaring ruffled blooms. All white, with no yellow in the center. It is an easy grower and rapid multiplier, $100 \%$ hardy. HM AIS, 1945; AM, 1947.

LADY BOSCAWEN (Graves, 1946)
Each $\$ 7.50$
Alabaster-white; perfection in color and form. In the originator's garden it grew to 4 feet in height with magnificent branching. Slightly ruffled, it bears some resemblance to Helen McGregor in form. Beard is light yellow and does not contrast with the pure white effect. AM AIS, 1948.

LADY MOHR (Salbach, 1944)
Each $\$ 5.00$
A new and altogether different addition to the interesting Wm. Mohr family of Iris, this one brings a color combination previously unknown in the tall bearded group. Standards are oyster-white, huge and slightly fluted, with strong midribs. Falls are pale chartreuse or greenish yellow, with prominent veining. There is a very prominent dark patch surrounding the beard. Lady Mohr was the center of interest in our garden last season, where some of the stalks reached 4 feet in height and carried several open blooms at one time. HM AIS, 1944; AM, 1946. See page 41.

LAKE BREEZE (Fay, 1945)
Each $\$ 5.00$ A seedling of Gloriole, with much of its charm and frosty pale blue tone. Lake Breeze is heavily ruffled, the falls flaring and wide with no haft markings. A bit deeper in color than Gloriole, slightly larger, the stems carrying 9 to 11 flowers. Three feet tall. HM AIS, 1945.

LAKE GEORGE (K. Smith, 1945)
Each $\$ 5.00$
When this violet-blue Iris was introduced it was announced as possibly the "bluest" of all. A parent of Blue Valley, it still maintains a claim to this distinction. Self colored, the standards roundly domed, the falls broad and flaring straight out. There are no haft markings and the beard is pale yellow tipped blue at the end. Medium height, a rapid increaser. HM AIS, 1945.

LAKE SHANNON (DeForest, 1945)
Each $\$ 6.00$
A mighty close approach to bright indigo-blue. There are many fine new blue Irises coming into commerce but this is the bluest one we have seen. Practically a self, with fluted standards and falls. An odd feature about this Iris is the deeper veins running the length and breadth of the falls. Beard uniformly blue, shading to orange within the flower. 36 inches, well branched. HM AIS, 1946.

LAMPLIGHT (Schreiner, 1944)
Each $\$ 4.00$
A tranquil blend of flesh, buff and copper, with lamplight glow. Lighter in tone than what is generally referred to as salmon, and deeper than apricot. Well substanced, a smoothly blended self.

LATE SUN (DeForest, 1940)
Each $\$ 1.00 ; 3$ for $\$ 2.50$
A big bold solid yellow which has received high praise in all parts of the country. Flowers measure 6 inches, petals are thick and heavy, and of a uniform deep yellow color. Strong growing, with tall stalks and rampant foliage. Perfectly hardy, about 40 inches tall. HM AIS, 1942.

## LAVENDER AND GOLD LACE (Whiting, 1946)

Each \$2.00
A charmingly different Iris with golden yellow standards flushed lavender and with crimped edges. Falls are lavender bordered with a distinct frill of gold lace work. Strong, hardy plants producing generous bloom and increase. Three feet tall.

LIGHTHOUSE (Salbach, 1936)
Each $60 \mathrm{c} ; 3$ for $\$ 1.50$ This bright rose blend is one of the most sought after Iris we grow. Standards are a blend of rose and yellow; falls coppery old rose, with a very bright beard and glowing center. Perfectly hardy, rapid increaser; an Iris that is certain to add life to your planting. HM AIS, 1937; AM, 1940.

## LIGHTS ON (Lapham, 1946)

Each $\$ 7.50$
A new claimant for the title of reddest Iris. It is more of a self than Red Gleam, with even less of the brown in its makeup. Well shaped, with solid unveined hafts, velvety falls and vivid color. 30 to 36 inches in height. HM AIS, 1946.



Dreamcastle


Casa
Morena


Golden Majesty
Snow Flurry

# "ACE" COLLECTION <br> I2 FOR \$15.00 

Select 6
Berkeley Gold
Captain Wells
Garden Flame
Golden Eagle
Golden Fleece
Gypsy Baron
Inspiration
Peachblow
Pot $0^{\prime}$ Gold
Spun Gold
Storm King
Tiffanja
Rubient
El Morocco

Selections must be made from groups as indicated in brackets.

Select 2
Blue Shimmer
Ola Kala
Sharkskin
Master Charles

Select 4
Azure Skies
Davbreak
Flla Callis
Gypsy
Lullabs
Mexico
Visty Gold
Moonlight Madonna
Red Valor
Remembrance
Sunset Serenade


# annual $\$ 5$ coliection <br> ANY IO, YOUR CHOICE, FOR \$5.00 LABELED AND POSTPAID, I OF A KIND 

All shipments will go prepaid this year. Due to great increase in Express rates the customer gains no advantage when assuming express charges for extra plants. We always give you an extra anyway, and we will pay all shipping charges. This applies to all orders alike, including all collections and all orders for individual items.

In making up your selection, be sure to confine it to the groups as outlined.

Select 3 from this group
-Sable
Balmung
Cameroun
Elmohr
Flora Zenor
Garden Magic

Sable balmung Elmohr
Flora Zenor
Garden Magic

Grand Canyon
Mulberry Rose Old Parchment
Prairie Sunset
Red Gleam
The Red Douglas

Wabash
Stardom Prince of Orang Pink Ruffles Ming Yellow
Melitza Melanie Matterhorn Alastor Amigo Arctic


Sable



## China Maid

## Damerine

Golden Spike
Jake
Elsa Sass
Golden Majesty
Lighthouse
Louvois
Mary E. Nicholls
Morocco Rose
Sierra Snow

Midwest Gem Golden Treasure Frank Adams
Select 3 from Angelus
this group

Angelus
Anitra
${ }^{\text {Anitra }}$ Christabel
City of Lincoln
Copper Lustre

Destiny
Dogrose
Marquita
Ormohr
Radiant
Stained Glass
Tiffany
Treasure Island


## TO HELP YOU PLAN \& PLANT FOR COLOR!

 on page 26, we present graphic plans for Iris borders, or gardens featuring Irises. Varieties suggested in these
 plans make good companions and the general picture created by any of these borders would be especially pleasing. What is best about them is the fact that they are flexible - you can switch them around to suit yourself!

Good News

Grand Canyon
Below, Left




AN INFORMAL CORNER 10 by 15 feet, about 5 feet in depth. Several of the newest and finest things are planted here, and the combinations of color will be found interesting and sometimes unusual. These few hints at planting for color will suggest boundless other agreeable associa-


Winter Carnival


Peachblow



## GROWN IN OREGON ... THE NATION'S BULB-BASKET

Here are some behind-the-scene shots which may help you to know us . . . and your Irises . . . better. The field above shows ten acres of bloom in mid-May. Just a month later, below, the flower stalks cut off, the crop of rhizomes is ready for digging. At the right, this same planting photographed in September-just nine months before! Fertile soil. clean and frequent cultivation does it.

The final touch. Packed in clean. soft. white cottonwood excelsior which absorbs surplus moisture and prevents bruising. the cartons ventilated with air holes. this stack of Iris orders is about to go to the post office and thence to America's gardeners.





Ola Kala
Winner of Dykes Medal, 1948
No. 1 in 100 Best, 1948 and 1949


FORMAL OR INFORMAL, LONG OR SHORT, NARROW OR WIDE, YOU CAN JUGGLE THESE SUGGESTIONS TO SUIT YOUR SPACE AND YOUR TASTE; ALSO YOUR PURSE.

Note that the plan below is divided into small squares and these represent a total area five feet wide, twenty feet long, and ten feet along one side. If your space is narrower or wider, or there are some groups which do not appeal to you, just prune it to fit or stretch it out by planting a greater number of each kind-or by repeating the combinations or by use of similar color schemes with still different varieties.



Gohden Treasure

Garden Flame


Frank Adams


Alpine Glou


## BARGAINS FOR BEGINNERS <br> IO for \$3.00 <br> Your Choice, I of a Kind

Everv Plant Correctly Labeled and Sent Postpaid
Anitra. Sky-blue.
California Gold. Deep yellow.
Frieda Mohr. Huge pink.
Gudrun. Giant white.
Indian Hills. Vivid purple.
Jean Cayeux. Coffee-tan.
Junaluska. Copper and red.
Snowking. Flaring white.
Copper Lustre. Copper-tan.
Marquita. Ivory and rose.
Destiny. Velvety plum.
Sierra Blue. Tall blue.
Exclusive. Powder-blue.
Golden Hind. Rich yellow.
Rosario. Light pink.
City of Lincoln. Yellow and red.
Midwest Gem. Apricot.
Louvois. Brown.

$$
\text { All } 18 \text { for } \$ 5.00
$$



Here is what you get. Plants dug from annually re-set fields of fertile soil exhibit astonishing root development. They are not boosted with fertilizer or irrigation, but grow on nat urally after flowering. Started right, tended with care, they cannot help being just right at digging time. These long roots will anchor the rhizomes in the ground and get them off to a quick start in your garden.

. . . not quite actually black, perhaps, but nearly so, and after all, who would want a coal-black flower! The so-called blacks are among our richest and most gorgeous creations . . . deepest velvet, shining silk, sultry ebony . . . from midnight-blue to darkest ox-blood. SABLE will excite comment always, and then there are these: CAMEROUN, BLACK FOREST, BLACK BANNER, DEEP VELVET, INDIANA NIGHT and STORM KING.

## INDIANA NIGHT, below




WHITE IRISES . . . . the real highlight in any garden . . . . flowers of satin, wax, marble, ivory the fluffiness of clean, fresh snow. You can have them tall or low growing, early or late. To name a few-JAKE, of course, or MATTERHORN, SNOW FLURRY, NEW SNOW, SNOW CARNIVAL SIERRA SNOW. WINTER CARNIVAL, ARCTIC, GUDRUN, SOUTHERN SNOW, SNOWKING KATHERINE FAY, LADY BOSCAWEN and SPANISH PEAKS.


Minnie Colquitt


Solid Mahogany


Snow Flurry

MATTERHORN (J. Sass, 1938)
Each 75c; 3 for $\$ 2.00$ Pure white; large but delicate in appearance. Even the beard is, white. Three feet in height, with slender, well-branched stems and many flowers widely spaced. Unmatched for purity of color and will please anyone who is looking for the best white at a reasonable price. HM AIS, 1938; AM, 1940.

MELANIE (Hill, 1941)
Each 75c; 3 for $\$ 2.00$
This splendid new light pink comes to us as the finest introduction of H. M. Hill, of Lafontaine, Kansas. Color is orchid-pink, close to true pink, and there are as many as five open flowers at once on the 40 -inch stalks. HM AIS, 1941.

MELITZA (Nesmith, 1940)
Each 75c; 3 for $\$ 2.00$
Pale ivory-flesh, particularly effective in dull weather. Much of the unusual color effect of this Iris is derived from the fiery tangerineorange beard. No Iris that we have ever grown has increased so rapidly and it is at its best on a two-year clump. Height 36 to 40 inches. Shown in color on page 21. HM AIS, 1940; AM, 1942.

MELODIST (DeForest, 1946)
Each $\$ 7.50$
A henna-colored blend on gold ground. The salmon and rose tones
of Salar blended with the golden brown of Tobacco Road, its parents.
38 inches. HM AIS, 1947.
MELLOWGLOW Whiting, 1942)
Each $\$ 5.00$
Deep peach or apricot, with a flush of pink. A highly rufled and perfectly formed Iris, with very broad and rounded standards and falls. The beard is extra heavy and extends far down the fall. Mrs. Whiting's most noteworthy introduction among many excellent ones, and stock is very scarce. HM AIS, 1942.

MEXICAN MAGIC (Whiting, 1947)
Each $\$ 5.00$
A brilliant medley of Spanish red and copper with a strong blaze
of blue in the falls. Beautifully full and rounded. Medium height and not very well branched but a rich jewel in color and well worth the price.

MEXICO (Kleinsorge, 1943)
Each $\$ 2.00$
Gay and brilliant, a blended bicolor of buff golden standards and broad plushlike falls of glowing red-brown, bordered and blended golden buff. A perfectly gigantic flower, with the falls slightly crinkled and waved at the edges. A blend rather than a Variegata. Very late. HM AIS, 1944. Stock limited. See page 39.


MIDWEST GEM (H. Sass, 1937)
Each 50c; 3 for $\$ 1.25$
Bright golden apricot, more buff than yellow, with a faint cast of pink over the falls. Immense in stalk and flower, it is particularly attractive because of the odd crimped petals. HM AIS, 1937.

MING YELLOW (Glutzbeck, 1938) Each 75c; 3 for $\$ 2.00$ A yellow without a fault; clear, rich, smooth without venation, big and slightly waved. Lighter in tone than Golden Majesty and much earlier. Wide petals, very bright yellow beard. HM AIS, 1938: AM, 1941. Shown in color on page 21.

MINNIE COLQUITT (H. Sass, 1942)
Each $\$ 3.00$
Massive white Plicata, entirely different from all others. It has a broad band of wine-purple stitching at the edges of the enormous flaring falls, and this same color is repeated in the standards. The whole flower is slightly ruffled. A thoroughly fine Iris in every way, and a husky grower. HM AIS, 1943; AM. 1945. See page 32.

MISS CALIFORNIA (Salbach, 1936) Each 50c; 3 for $\$ 1.25$ Gigantic lilac-pink; one of the most satisfactory varieties we have ever grown. It makes great fans of purple-tinged foliage, produces a wealth of 4 -foot stalks of great pink-toned blooms that last over a very long period. Does equally well in all parts of the country. HM AIS, 1938.

MISSOURI (Grinter, 1933)
Each 50c; 3 for $\$ 1.25$ A famous clear blue that won the Dykes Medal in 1937. Color is especially fine when afforded light shade from the afternoon sun. Sells out every year.

## MISTY GOLD (Schreiner, 194.3)

Each \$2.00
A lovely gold-spangled, lemon-colored Iris, lemon toned and gold braided. Petals are ruffled and fluted, lacy and brilliant. Three feet tall: slender, well-branched stems. An unusual and beautiful flower. HM AIS, 1945. See page 18.

MME. LOUIS AUREAU (Cayeux, 1934)
Each 40c
This heavily dotted and sanded Plicata from France has a ground color of silvery white, closely netted with rosy heliotrope. Very large. very early, medium height. AM AIS, 1939.

MOLLY MAY (DeForest, 1944)
Each $\$ 1.50$
Large cream-pink blend with falls slightly deeper than the standards, and still deeper coloring at the haft. Orange beard and yellow style arms. Standards are perfectly huge, firmly held upright and closed at the top. Height 3 feet.

MONADNOCK (Salbach, 1937)
Each 75c; 3 for $\$ 2.00$ Very brilliant pinkish rose, a large flower that blooms very late in the season. We have no other Iris in this shade-a deep but very bright tone of rose with golden beard. Husky stems reach four feet, well branched.
MOONLIGHT MADONNA (J. Sass, 1943)
Each \$2.00 Of the same shade of lemon-ice as Elsa Sass, with larger flowers and flaring form. Self colored, it is the lemon-toned Iris we have been looking for. Tall and sturdy, a rapid increaser. HM AIS, 1943; AM. 1945.


Rose Splendor


MOROCCO ROSE (Loomis, 1937)
Each $60 c ; 3$ for $\$ 1.50$
A very large rose-pink self with soft yellow glow at the heart and brownish cast about the haft. Still ranks among the best pinks and pleases all who buy it. Unlike many Iris in this color class, Morocco Rose is a truly big flower. Always in heavy demand. See page 20.

## MOUNT HERMON (Lowry, 1945)

Each $\$ 6.00$ This new cool white from New England has very little of the cream or ivory tone in its makeup. Tall growing, up to 42 inches, it makes a regal dislpay in the garden because of the wide branching and general excellence of the big, well-shaped blossoms. Pale lemon beard. HM AIS, 1945.

## MT. McKINLEY (Schreiner, 1947)

Each $\$ 3.50$
Derived from Amigo crossed with Wabash, about midway between these two in color tones. Early blooming and tall, the standards opening pale blue and fading to cool white. Falls are deep purple edged with pale blue and with a brownish haft devoid of veinings. Better and lower branched than the famous Wabash.

## MULBERRY ROSE (Schreiner, 1941)

Each $\$ 1.25$; 3 for $\$ 3.00$
Aptly described by the name, this new Iris is actually something new and different in coloring. Very tall stems hold the self-colored blooms well aloft, and the branching is good. Most unusual in color, it might be termed a deep pinkish mulberry, strongly shaded brown. The heavy bronze beard is an added asset. HM AIS, 1943; AM, 1944. Shown on page 17.

## NANKEEN (Whiting, 1947)

Each $\$ 10.00$
Clear, cool Chinese-yellow enlivened by soft rays of chrome-yellow smoothly spread over the whole flower. Massive in size but well proportioned and carried on tall well-branched stalks. Stays fresh and attractive in all kinds of weather. A radiant Iris for garden effect and will attract much comment when exhibited.

NATIONAL WHITE (Weed, 1944) Each $\$ 1.00 ; 3$ for $\$ 2.50$ A spectacular pure white Iris that is a giant in every way. The huge flowers have extra broad falls, well shaped, and the widely branched stalks reach over 4 feet in height. One of the very best new whites and it will make a good run for largest bloom in any show.

Close to true peach coloring-not pink but the delectable tint of peach ice cream! Standards are a bit deeper than the falls. There are no haft markings of note and the beard is fiery tangerine. From the same breeding lines as the $\mathrm{fl}_{\mathrm{x}}$ mingo-pinks. Three feet or over in height and of good size and fine form. HM AIS. 1947.

NEW SNOW (Fay, 1946)
Each $\$ 10.00$
A white Iris which is neither a warm nor a cold white but is as white as new snow. The beard is full and bright yellow, adding a great deal of life. This is the only color in the flower, as there are no haft veinings or markings. Stalk is sturdy and well branched, 40 inches tall, the big flowers very much ruffled and flaring. One of the world's best white Irises. HM AIS, 1946; AM, 1948.

NIGHTFALL (Hall, 1942)
Each $\$ 1.00 ; 3$ for $\$ 2.50$
The falls are very velvety rich dark Pansy-purple with almost no veining on the haft. Standards are several shades lighter than the falls, making a very striking color combination. Plushlike substance with a glistening sheen. 36 inches; well branched. HM AIS, 1941; AM, 1945.

NIGHTINGALE (Hall, 1942)
Each \$1.25
The coloring of this Iris is really new, a glistening golden russet. Surely a glorious and pleasing color, and the flowers are of large size and on good stout stems. Both standards and falls are identical in tone and even the beard is in harmony Height 3 feet. HM AIS, 1944. Illustrated in color on page 45.

NYLON (Whiting, 1940)
Each 75c; 3 for $\$ 2.00$
Coppery tan self with heavy gold beard. One of our largest Irises and the stalks are heavy and well branched. This is an Iris you will like and one that the judges seem to have overlooked.

OLA KALA (J. Sass, 1943)
Each $\$ 2.50 ; 3$ for $\$ 6.00$
Just now we have an abundance of fine deep yellow Irises, but here is one that perhaps outdoes all the others for depth of color and in addition it is heavily ruffled. Medium large flowers on nicely branched 36 -inch stalks. So yellow it is almost on the orange side. HM A1S. 1943; AM, 1945. Dykes Medal, 1948. Set page 26. No. 1 in 100 best this year!


Firecracker


San Antone

## OLD PARCHMENT (Kleinsorge, 19.39)

Each $\$ 1.00 ; 3$ for $\$ 2.50$
Light creamy tan, with golden buff overlay; a most unusual color break and a distinctlv beautiful new Iris. Standards are domed and closed: falls wide and rather tailored in appearance. A perfectly huge bloom, heavy in substance, and the longest lasting variety in our garden. HM AIS, 1940; AM. 1941. See page 42.

## ORANGEMAN ( $\boldsymbol{W}$ aters, 1946 )

Each $\$ 5.00$
A lovely huge orange self with a touch of deeper orange at the haft. The flower has a wonderfully smooth, well-groomed look; the coloring is even and rich. The tall stems, 40 inches high, are very well branched. An outstanding Iris in a much sought after color. HM AIS, 1947.

ORELIO (DeForest, 1947)
Each $\$ 10.00$
Deep crimson-brown, more red than brown. Obtained from Casa Morena crossed with Garden Flame, which will convey some idea as to the color of this rich new Iris. It is large, tall and well branched. HM AIS, 1948.

ORMOHR (Kleinsorge, 1937) Each 50c; 3 for $\$ 1.25$ One of the largest Irises in existence, and especially noteworthy because it is a seedling of Wm. Mohr. It reaches 40 inches in height, with several great blooms on well-branched stalks. The color is pale lilac with a silvery cast, veined violet. Darker when first opening and in dull weather. HM AIS, 1939; AM, 1940.

## OVERTURE (Hall, 1944)

Each $\$ 5.00$
This was the first of the new "flamingo" pinks. A luscious shade of pure pink, of medium size, on tall and well-branched stems. The bright red-orange beard gives it lots of zip. Increases very fast and will make a clump of pink that you didn't think could be possible in Iris!

PAINTED DESERT (Milliken, 1943)
Each \$2.00
Gorgeous colorings of the Aizona desert blended into a stately Iris reaching 4 feet in height. A soft buffy tan, with brownish suffusion at the haft and violet midribs in the standards. A light violet patch at the end of the beard adds a contrasting touch.

## PALE PRIMROSE (Whiting, 1946)

Each \$2.00
A late, cool primrose-yellow with a touch of wax-yellow at the haft. Of an attractive and useful color, the form of this Iris is its real distinctive feature. It is oval, with standards closed and swirled at the top; the falls are long but so wide they nearly touch each other. the effect is of a huge yellow rosebud. Very late, high branched and tall-most effective in back of a planting.

PATRICE (DeForest, 1945)
Each $\$ 3.00$
New white Plicata which we like very much and which we regard as different from the many others listed. Standards light cream flushed pale rosy lavender; falls sparkling white brushed bright gold across the haft which is speckled rose-brown. Refined, clean and very brilliant. Tall and large, with all good points. HM AIS, 1946. See page 14.

## PEACHBLOW (H. Sass, 1943)

Each $\$ 1.50$
A pinkish Plicata with yellow ground, illustrated perfectly in color plate. This Jris has the remarkable faculty of "carrying power" and its pinkiness accents any spot where it is planted. Oval-shaped blooms on tall stems, nicely branched. Rapid increaser. See color plate on page 23.

## PINK CAMEO (Fay, 1946)

Each $\$ 10.00$
One of the new series of "flamingo" pinks-a true pink devoid of violet influence-the kind of pink Iris we have all been wishing to see. Color is described as pale cameo-pink, a self, with a startling tangerine beard, like a tongue of flame on the hafts. An Iris of good size. 3 feet in height. HM AIS, 1946; AM, 1948.

## PINK REFLECTION (Cook, 1942)

Each \$3.00
Chamois-skin-pink self, a peculiar and enchanting shade unlike anything else. There seems to be a fleeting buff undertone. A crisp and clean cut flower, flaring in form, with very heavy texture. The beard is lemon. Height 3 feet; very late. HM AIS, 1942; AM, 1944. See page 37.

PINK RUFFLES (Smith, 1940)
Each 75c; 3 for $\$ 2.00$
Solidly colored lilac-pink that might be classed as an intermediate because of its low growth-about 24 to 28 inches. The flowers are self colored and heavily fluted and ruffled, produced in great number. HM AIS, 1940; AM, 1942.

PINK SENSATION (Hall, 1948)
Sold out for 1949

## POT O' GOLD (Grant, 1941)

Each $\$ 1.50$
The most brilliant intense yellow Iris we grow. About the size of Golden Hind and much like it in form and size, but even deeper and richer in color. Some of our visitors select it over all other yellows. Medium size, 3 feet tall.

PRAIRIE SUNSET (H. Sass, 1939) Each $\$ 1.00 ; 3$ for $\$ 2.50$ All that has been said about this gorgeous Sass creation is true, but it simply has to be seen to be realized. The blendings of peach, apricot, rose, copper and gold are so well done that one is at a loss to describe it adequately. The picture on page 20 is fairly accurate, however, and leaves but little to the imagination. A fine big flower that will give you a thrill every time you look at it. HM AIS, 1937; AM, 1941. Dykes Medal, 1943.

PREMIER PEACH (Hall, 1946)
Each $\$ 8.00$
From the new "flamingo" pink series, but less pink and more the color of peach ice cream-a smooth, soft and very delicate shade. This has the typical tangerine-red beard. Good size and form, just under 36 inches in height. HM AIS, 1946.

## PRETTY QUADROON (Kleinsorge, 1948)

Sold out for 1949

## PRINCE OF ORANGE (Kleinsorge, 1940)

Each $75 \mathrm{c} ; 3$ for $\$ 2.00$
A seedling of Far West and Naranja. Solid golden orange, one of the richest things in the garden picture. Flowers of medium size, very flaring in form, widely spaced along the branching stems. HM AIS, 1942; AM, 1944.

RADIANT (Salbach, 1936)
Each 50c; 3 for $\$ 1.25$ Standards of burnished golden bronze; falls glowing copper-red; one of the most strikingly brilliant Iris obtainable. Of better than average size, well branched. Produces an immense quantity of bloom and increases rapidly. HM AIS, 1938.

RAJAH BROOKE (Norton, 1945)
Each $\$ 3.00$
Rich topaz-yellow standards shot with bronze; the falls deep pigeon-blood-red. Haft is solidly colored, clear into the throat, giving the flower an extra rich effect. Not brilliant and garish, Rajah Brooke is an Iris in luxurious, subdued hues remindful of an Oriental rug. HM AIS, 1946. In color on page 15.

RANGER (Kleinsorge, 1943)
Each $\$ 3.00$
Dark but very bright almost true crimson-red. A decided self, with long, cone-shaped, closed standards and wide falls of glossy velvet. Bronze-orange beard on a brownish toned haft, with very little venation. One of the last to bloom, a sure producer of flowers and lots of them, with straight stems and fine branching. Very large, 36 inches tall. HM AIS, 1944; AM, 1946. Shown on page 39.

RED GLEAM (Lapham, 1939)
Each $\$ 1.00 ; 3$ for $\$ 2.50$ Here is the red Iris that actually looks red and has been declared the nearest approach to scarlet thus far obtained in this flower. It is of good size, of beautiful semi-flaring form, 3 feet in height and a free bloomer. Texture is velvety but excitingly brilliant. HM AIS, 1940 ; AM, 1941.

RED TORCH (H. Sass, 1947)
Each $\$ 6.00$
Standards rich deep buff or bronze-gold, falls pure velvety red-quite the nearest true red of any Iris, solid to the edge. There is not the sharp contrast found in true variegatas, thus this Iris might be termed a blend or variegata-blend. Of moderate height and size, the flowers perfectly formed and decidedly flaring. HM AIS, 1947.

RED VALOR (Nicholls, 1939)
Each $\$ 2.00$ A superb big red that has been gaining popularity each season. A garnet-red self with brown beard. It won the Roman Gold Medal in 1940; the HM of the AIS in 1941, and the AM in 1943. Because it is absolutely hardy and has given satisfaction everywhere, it is in great demand and stock remains scarce.

REDWARD (Cook, 1942)
Each $\$ 4.00$
Deepest crimson-red-an approach to red from the purple side without the orange or brown influence as in the case of the 3 varieties listed just above. A large and brilliant Iris with widely flaring velvety falls. HM AIS, 1945.

REDWYNE (McKee, 1945)
Each $\$ 7.50$
Deep but bright mahogany red self. The medium size flowers are solidly colored, including a smooth haft, and the finish is particularly velvety. Beard is bronze-gold. One of the "reddest" Irises, especially brilliant in the garden. HM AIS, 1945.


Pink Reflection

Of a bewildering number of pink blends raised by David Hall, this appears to be the best. Although the predominant note is a delightful shade of light pink, there is enough yellow in the big flowers to class it as a blend. Well shaped, with very strong stems, it is 38 inches tall. Limited stock. HM AIS, 1943; AM, 1944.

ROCKET (Whiting, 1945)
Each $\$ 15.00$
Here is an Iris the name of which is truly indicative of its rise to fame. An orange self, the standards pure deep chrome and the falls orangechrome almost to the edge. There is a burnished finish on the falls which lends extra depth to the color. Ideal form, nice branching and grows to 3 feet. HM AIS, 1945; AM, 1947.

RODEO (DeForest, 1947)
Each $\$ 10.00$
Brighter color in the same pattern as Tiffanja and much larger than that distinct and popular Iris. Standards clear gold, falls white, edged with gold. Style-arms are gold and the beard brown tipped with gold. The light marking, or stitching, is brown. As big and conspicuous as a "ten-gallon" hat, hence the name.

ROSARIO (Thole, 1939)
Each 50c; 3 for $\$ 1.25$
Beautiful ochraeous yellow, flushed and overlaid old rose. Might be called tourmaline-pink with gold suffusions extending from heart of flower into the falls. Deep yellow beard. Form is broadly flaring, very large in size; 40 inches tall.

ROSE SPLENDOR (Kleinsorge, 1947)
Each $\$ 10.00$
The picture on page 33 is a very close likeness, although the Iris is actually more pink than this would indicate. When fully opened it is very pink indeed, a luscious color remindful of a ripe Watermelon except for the slight coppery tints. About 3 feet in height, a strong grower, well branched. Unlike any other near pinks in this catalog. HM AIS, 1948.


ROSE TOP (H. Sass, 1941)
Each $\$ 3.50$
This bright rose-pink Plicata provided the greatest surprise of our 1945 season. Blooming after every other Iris had passed, not many visitors saw it. Highly ruffled, the big blossoms of deep cream have a heavy pattern of vivid rose-pink stitching which seems to possess exceptional carrying quality. Viewed a block distant it looked like a red and white bicolor. HM AIS, 1943.

A tall and large flowered red trimmed Plicata of a pleasing tone of burgundy-red. It is so heavily trimmed that at a distance it gives a red effect. Form, substance and stem are good, and it increases fast and blooms freely. HM AIS, 1944.

RUBIENT (Whiting, 1942)
Each $\$ 1.50$
A taller, much redder, Amigo. Standards are rich Pansy-purple, very brilliant; the falls blackish red-purple with a neat edge the same tone as the standards. Stems reached a height of over 40 inches in our garden. Note the picture on page 33.

RUTH POLLOCK (H. Sass, 1939)
Each 50c
One of the most beautiful and most popular of all the Sass Plicatas. A smooth, light yellow very heavily patterned and peppered reddish purple. The flower is near perfection in all details, very low branched, a heavy bloomer. HM AIS, 1939; AM, 1941.

SABLE (Cook, 1938)
Each $\$ 1.00 ; 3$ for $\$ 2.50$ Almost black; a uniform shade of deepest blue-black-violet, with blue beard. Sable has every attribute that a fine Iris should possess; large size, reasonably tall stalks, thick substance and a wonderfully lustrous sheen. Everybody wants Sable.' HM AIS, 1937; AM, 1940. See page 20.

SALAMONIE (Cook, 1946)
Each $\$ 9.00$
Exquisite light pink blend, richly yet delicately colored, combining the best features of its parents, Majenica and Pink Reflection. A self in garden effect, the flowers holding their color well in any weather. Standards light pinkish cinnamon; falls light Congo-pink; flowers 5 inches in diameter. A strong grower and free bloomer. HM AIS, 1946.

SALAR (DeForest, 1940)
Each 75c; 3 for $\$ 2.00$
Creamy flesh entirely dominated by an overlay of salmon. A difficult Iris to describe but the color effect is that of salmon. As large as Happy Days and about the same form. Height over 3 feet. HM AIS, 1941.

Illustrated on page 35. A deep tan or sand-brown self, imposing in size and manner of growth, with extra broad falls and beautiful form. The immense buds unfold into huge flowers perfectly spaced, many to the stem. Just enough ruffling to lend grace. HM AIS, 1948.

SHARKSKIN (Douglas, 1942)
Each \$2.50
A silky white Iris of near perfection in all details. Chosen by some judges as the very finest white of all, it has large size, heavy texture and purity of color to commend it. Inside the throat there is a glistening yellow flush. 44 inches tall. HM AIS, 1943; AM, 1946.

## SHARON KAY (DeForest, 1946)

Each $\$ 6.00$
An extraordinary "pinky" Iris of great size and delectable soft coloring, most uusual in the oval shape of the great flowers and in their bright orchid-like shade. Style arms are white tinted lilac and the beard is white tipped orange inside the throat. Magnificent as a clump. Height 38 inches.

## SHOW GIRL (Nelson, 1945)

Each \$2.25
A blush-rose blend from Rameses crossed with Prairie Sunset. Standards and falls the same shade of rose-pink but the heavy beard and haft are intense orange. Tall and floriferous.

## SIEGFRIED (H. Sass, 1936)

Each 50c; 3 for $\$ 1.25$
Pale sulphur-yellow, etched with stippling of purple-brown threads. A very popular yellow Plicata that is both large and tall. HM AIS, 1936; AM, 1938.


SIERRA BLUE (Essig, 1932)
Each 35c; 3 for 90c
A soft, clean, enamel-like blue. It is of tall and stately habit, sometimes reaching over 5 feet, with many buds to the stalk. Deeper in tone than Shining Waters and more hardy. In 1935 it won the Dykes Medal and is a consistent flower show winner.

SIERRA SNOW (Kleinsorge, 1939) Each 75c; 3 for $\$ 2.00$ A hardy white of pure, clean color; very attractive spreading form, and with wavy edges on the falls. Over 40 inches tall, widely branched. Very scarce.

SNOQUALMIE (Brehm, 1938)
Each 60c
A solid deep cream; even in tone, large in size and of leathery texture. Creamy Irises tie into the garden picture well and are admirably used with the reds and Variegatas as well as with the blues and purples. This is one of the best, hardy and free blooming.

SNOW CARNIVAL (Graves, 1942)
Each $\$ 3.00$ A very large pure white with the ruffled finish of wind-blown snow drifts. Fluted standards and wide flaring falls ruffled at the edges. Heavy texture and all other good qualities combine to make this a top-notch white. HM AIS, 1942; AM. 1944.

SNOW FLURRY (Rees, 1939)
Each $\$ 1.25 ; 3$ for $\$ 3.50$ Standards pure icy white, beautifully ruflled. Falls big, broad and pure white. They are waved and crimped at the edges, semi-flaring and abundantly produced on stems reaching 4 feet. Early and long lasting. Note the color plates on pages 19 and 32 .

Mexico

SNOWKING ( $H$. Sass, 19,35)
Each $35 c ; 3$ for $90 c$
Regal in bearing, with broadly flaring great white blossoms lit with gold in the throat. Heavy of substance, bold and strong in growing habit. HM AIS. 1936: AM. 1937.

SOLID MAHOGANY (J. Sass, 1944)
Each $\$ 5.00$
This grand new red is one of the finest dark Irises of recent years. Beautifully formed, the color is aptly described by the name. No haft venation and a deep bronze-gold beard accent the richness of the plushlike falls. Height 3 feet. HM AIS, 1944; AM, 1947. Shown in color on page 32.

Each \$2.50
Coppery pink with yellow undertone having a metallic finish. Very wide segments, rounded form with slightly flaring falls and unusually large flowers. Difficult to describe, but we regard it as next to Casa Morena in merit among all DeForest introductions. HM AIS, 1945. See color plate on page 44.

A new white Iris originated in Chattanooga, Tenn., and which fills every qualification for an ideal white. Quite early, the standards and falls are both full and broad, very heavy in texture, and as white as purity itself. The heavy beard is yellow. Increases very fast and flowers abundantly. 3 feet.

SPANISH PEAKS (Loomis, 1947)
Each $\$ 17.50$
One of the really great new Irises of last season, from the hybridizer who gave to the world the famous Elmohr. Spanish Peaks may prove to be the supreme white of all-a pure clean flower of immense proportions, no yellow on the haft or in the throat. It has everything, including giant size, graceful form, tall stems and perfect branching. HM AIS. 1948.

## SPINDRIFT (Loomis, 1944)

Each $\$ 3.00$
Translucent, delicate seashell or coral-pink, with fiery tangerine beard to accentuate the color. This Iris achieved wide acclaim when shown as a seedling under the number TQ-70. Well branched, with stiff, willowy stems. HM AIS, 1945.

SPUN GOLD (Glutzbeck, 1940) Each $\$ 1.50 ; 3$ for $\$ 4.00$ Perhaps the most famous yellow Iris ever introduced. It has all of the desired qualities of size, good branching, tall stems and rich solid yellow color. Eagerly sought after because of its fine record; stock has remained scarce. HM AIS, 1939; AM, 1942; Dykes Medal, 1944.

STAINED GLASS (Wilhelm, 1939) Each 50c; 3 for $\$ 1.25$ Glowing red-copper self, one of the most brilliant Iris we have ever seen when viewed with the sun behind it. In such a light it resembles nothing quite so much as stained glass-rich and brilliant, almost aflame! Self colored, with orange beard. Medium height. HM AIS, 1940.

STARDOM (Hall, 1941)
Each $75 \mathrm{c} ; 3$ for $\$ 2.00$ Termed onion-skin-pink by the color chart, this fine Iris is not really pink at all, but rather a smooth blend of coppery pink and apricotbuff. It has also been called salmon-rose. Beard is tangerine or brilliant orange. With its large blooms and luscious color it is certain to please you. HM AIS, 1940; AM, 1943.

STORM KING (Nicholls, 1940)
Each $\$ 1.50$
The king of the black Irises. Although a somewhat slow increaser, its nearly black, silky blooms are unmatched by any other variety we have seen. Immense blooms, wide flaring falls with no haft markings. Always scarce. HM AIS, 1941.

SUKEY OF SALEM (Nesmith,.1946)
Each $\$ 6.50$ A blended self of ochre-red and rose with a brown flush on upper part of the falls. Not a dull Iris for it is brimming with bright blended colors so cleverly intermingled it is difficult to describe. Broad petaled, flaring, over 3 feet in height. HM AIS, 1946.

SULTAN'S ROBE (Salbach, 1945)
Each $\$ 5.00$
This new Iris comes to us with a flattering recommendation. Something different in the way of Oriental coloring-standards Van Dyke red to deep old rose; falls the same with golden overlay, especially on the upper half. There is a dash of violet-blue in the center of each fall. 36 inches tall. HM AIS, 1946.

## SUNSET BLAZE (Kleinsorge, 1948)

Each $\$ 15.00$ A tall and huge golden flame-salmon blend, almost a red, but with so much of the gold influence in it that it is not really a red Iris. You have seen the sun look much like this just before it sinks over the horizon. Both standards and falls are extra large and the haft and beard are bright golden yellow. A most impressive flower, blooming very early on widely branched stalks reaching 42 inches.

Introduced as the best of the Prairie Sunset seedlings to date and not surpassed thus far. A soft golden tan or light apricot-buff, lighter in tone than the parent, with very little rose or pinkish tints. As large as Prairie Sunset and taller. HM AIS, 1943; AM, 1945.

SYLVIA MURRAY (Norton, 1944)
Each $\$ 3.00$
This new blue is derived from Great Lakes crossed with Shining Waters, lighter in color than either of the parents and with the silvery smoothness of pale blue silk. Enormous flowers, 40 -inch stems, altogether a grand blue Tris. HM AIS, 1946.

TEA ROSE (Whiting, 1944)
Each $\$ 3.00$ A blend of rose and pale gold, well on the way to true pink. It is a seedling of Matula crossed with China Maid. The color is strong and warm enough to be seen across the garden and yet clear and delicate as a Rose. 36 inches. HM AIS, 1945.

THE ADMIRAL (Hall, 1941)
Each $\$ 1.00 ; 3$ for $\$ 2.50$
An intense blue, deeper than medium blue, but not really a dark shade. The form, finish and substance are outstanding. Withstands either sun, wind or rain equally well, lasts long in bloom and makes a wonderful garden clump. Bluish beard lends depth to the color. HM AIS, 1940; AM, 1944. Shown in color on page 42.

THE CAPITOL (Maxwell-Norton, 1945)
Each $\$ 3.00$
Combination of gleaming cream-white standards and falls with the most brilliant flame-orange beard and haft. Texture of the petals is Magnolia-like, beautifully formed, and the "house afire" beard lies on the falls like a gorgeous caterpillar. Tall growing and splendidy branched. HM AIS, 1946. Picture on page 15.

## THE RED DOUGLAS (J. Sass, 1937)

Each $\$ 1.00 ; 3$ for $\$ 2.50$
Simply colossal in size, as smooth and heavy as a piece of richest plush. It is deep rosy wine-red, solid at the haft, with a brownish cast near the center; beard rich orange. Not the reddest Iris but the coloring is gorgeously deep and intense. Dykes Medal, 1941.

THREE CHEERS (Cook, 1945)
Each $\$ 6.00$
An amazingly brilliant bicolor similar to Amigo in pattern, but tall42 inches-and richer and bolder in contrast. Standards blue-white; falls semi-flaring with narrow border like the standards. A Wabash seedling. HM AIS, 1946.

THREE OAKS (Whiting, 1943)
Each $\$ 3.00$
This massive rose-pink blend opened the eyes of all the judges last season. Huge in size, beautifully blended tones of rose-pink and copper, and on very tall stems, it was one of the sensations of our garden. Lasts over an extra long period. Height 40 inches. HM AIS, 1945.

THREE SISTERS (DeForest, 1941) Each \$1.00; 3 for $\$ 2.50$ A distinct and exciting combination of pale creamy yellow standards and red-toned falls. In sunny weather the standards are almost white. A vigorous grower and rapid increaser, with abundant well-branched stalks. In the originator's garden it averaged 36 to 40 inches.

TIFFANJA (DeForest, 1942)
Each $\$ 1.50 ; 3$ for $\$ 4.00$ A new and unique Plicata, having good form and thick substance. Smooth and clean cut; standards colonial buff; falls creamy white, definitely bordered buff, brushed at the haft and speckled around the border with light brown. This is a big flower, 42 inches tall. HM AIS, 1944; AM, 1946. Shown in color on page 43.

TIFFANY (H. Sass, 1938)
Each 50c; 3 for $\$ 1.25$
Soft but decidedly yellow in color, with abundant stitching of bronzy pinkish violet. A gracefully frilled flower of full proportions; very large, vigorous growing, reasonably tall. About the best of the lowpriced yellow Plicatas and will give any of them a run for their money. HM AIS, 1939; AM, 1943. Shown on page 29.

[42]
Old Parchment

In THE GARDEN OF HAROLD KNOWLTON, AUBURNDALE, MASS.



Sable
Balmung Cameroun Elmohr Flora Zenor

Garden Magic Grand Canyon Mulberry Rose Fortune Majenica

Old Parchment Prairie Sunset Red Gleam Red Douglas

Violet Symphony The Admiral Tiffanja Berkeley Gold
[43]




Sonrisa

TOBACCO ROAD (Kleinsorge, 1942)
Each $\$ 5.00$
When this Iris first opened in Dr. Kleinsorge's garden, it was so different, so remarkable in both color and form, that we lost all interest in the many other splendid seedlings in the same garden. Tobacco Road is a golden tobacco-brown self. Standards are upright and almost closed, with heavy midribs. The falls are broad, very wide at the haft and held stiffly horizontal. Height 32 to 36 inches, very good branching. HM AIS, 1944; AM, 1946.

## TREASURE ISLAND (Kleinsorge, 1937)

Each 50c; 3 for $\$ 1.25$ A truly gigantic flower of bright clear yellow, slightly lighter in the center of the falls. Tall stems, a fast increaser and easy grower. We have sold more rhizomes of Treasure Island than of any Iris we have ever introduced. You will not be disappointed in this splendid yellow. AM AIS. 1945.

TREVA (DeForest, 1945)
Each $\$ 6.00$
A new glistening golden apricot self. With very wide standards and falls, and flaring form, it has that unusual quality of frostiness which distinguishes Gloriole. This one, however, has what might be termed golden frost! HM AIS, 1946.

## VATICAN PURPLE (Whiting, 1934)

Each $\$ 4.00$ Of bold stature and splendid form, this is one of the most striking newcomers in an old color class that welcomes such improvements. Deep but bright blue-purple, silky in finish but heavy in texture, without haft markings. It has wide-spreading falls and 3 -foot stems. HM AIS, 1943.

Here is a brand new Iris from Canada, one of the most richly colored seedlings we have ever grown. The standards and falls are almost identical in color, but the velvet of the latter makes them appear slightly deeper. Scarcely any haft marking-a supreme shade of glowing bronzy red-purple with bronze beard. 33 inches tall. Shown on page 45. HM AIS, 1947.

VIOLET SYMPHONY (K. Smith, 1940)
Each $\$ 1.00$
Smoothly finished Bradley's violet self, free from venations. Practically without competition in its color class, the standards full and closed, the falls very broad and rounded. Not a deep color but rather a light violet-purple or deep violet-mauve. A near perfect flower, 40 inches tall. HM AIS, 1940; AM, 1943.

VISION OF MERZA (DeForest, 1944)
Each $\$ 1.50$
Rose-brown on a cream ground, of heavy marbled rather than a stitched effect. This is not only an unusual and bizarre color pattern, but the flower is well shaped with wide segments and gigantic in size; 40 inches tall.

VOODOO (Kleinsorge, 1948)
Each $\$ 10.00$
A very dark combination of rich chocolate-brown standards and blackish red-brown falls, the entire flower crimped and ruffled at the edges. The broad falls are held stiffly horizontal and the wide standards appear close together and erect, but closed at the top. Average size, medium height. A very rich piece of color and an abundant bloomer. It is a sister seedling of Pretty Quadroon.

WABASH (Williamson, 1937)
Each 75c; 3 for $\$ 2.00$
Pure white standards and rich velvety deep violet falls bordered white -the most striking Amoena of all. Very tall, branched above the middle of the stalk with a profusion of large, slightly ruffled blossoms. The color plate on page 21 shows this popular Iris in perfect detail. HM AIS, 1937; AM, 1938. Awarded the Dykes Medal in 1940.

WHITE CITY (Murrell, 1939)
Each $\$ 1.00 ; 3$ for $\$ 2.50$
Dykes Medal Winner in England in 1940. An immense flower of blue-white, with deeper blue flush at the heart. A stalwart grower, the great flowers possessing a silken finish and ice cold effect. AM AIS, 1945.

WHITE WEDGEWOOD (Grant, 1943)
Each \$3.50
A large porcelain-white with blue at the base of the white beard, making the beard appear quite blue. Something new in whites, along the line of And Thou and White City. Almost 4 feet in height, quite early. HM AIS, 1943; AM, 1945.

WINSTON CHURCHILL (Stevens, 1944)
Each $\$ 10.00$ A striking new red Iris. Deep but bright crimson, the standards exhibiting a copper glow while the falls are very dark but gleaming maroon. Heavy gold beard. From New Zealand.

## WINTER CARNIVAL (Schreiner, 1941)

Each $\$ 1.00 ; 3$ for $\$ 2.50$ A fine hardy white, bred in Minnesota. Widely flaring falls, snowwhite in color, the throat heavily tinted gold. Branching is excellent and the stout stems hold the big blooms well aloft. This is surely one of our best whites. HM AIS, 1942. See page 23.

WM. MOHR (Mohr, 1925)
Each 35c; 3 for 90c
The entire bloom is a self of pale rosy lilac closely netted and veined deep violet, producing a weird, yet very lovely effect. A monster flower of medium height, with small foliage. Does better if divided and transplanted at least every other year.

WORTHINGTON (Cook, 1943)
Each \$2.00
Harmonious bicolor of great size and pleasing rosy red effect, the color particularly clear and bright. Of strong growth, 3 feet in height. Brighter than the old but popular Ethel Peckham, with cleaner haft and much larger blossoms.


Gypsy Baron


Vice-Regal


Nightingale

From a single rhizome planted in 1942 this crowded clump was overdue for dividing in 1947. Note rhizomes growing over one another in center of clump.

After being dug, clump was cleaned with steam from hose. Note that healthy, growing rhizomes circle the clump, while those in center have very few white feeding roots.

Healthy, growing rhizomes are separated from old bloomstalks. Some prefer "doubles" as in foreground for replanting. Wash rhizomes thoroughly before replanting.


The above series of pictures is taken from the new book "THE IRIS, AN IDEAL HARDY PERENNIAL," recently published by the American Iris Society. It has been a long time since a good Iris book has been available, especially one of an up-to-date nature. This one is as nearly complete as the experts have been able to make it-chapters on the various groups, types and species, every phase of culture, the fine points of Iris breeding, diseases and pests, all about the American Iris Society, Iris judging, photography, uses of Irises in the garden, and so on. 224 pages, well illustrated. Heavy, leather-like paper binding, $\$ 1.50$; permanent cloth binding, $\$ 2.50$. Send your order to us and we will ship promptly.

JOIN THE AMERICAN IRIS SOCIETY, membership in which will bring you four meaty bulletins per year. This is the best way to keep informed on Iris progress, the latest awards, what the experts think. These bulletins are really books themselves, generally containing 100 pages or over per copy. Dues $\$ 3.50$ per year and well worth it. Send your remittance to us, we will enter membership for you.

TO CUSTOMERS IN CANADA: We ship many orders to Canada every year. There is a simple procedure which al! Canadians must follow, however, in order to import Iris or other plant material. Make out the list of items wanted, state name and address of firm you are ordering from and send it to the Plant Import Division of your Department of Agriculture at Ottawa. They in turn will send you a permit number and labels. Then you send your order, including the permit label, to us in the usual way.

A FEW CULTURAL TIPS: While it is true that Irises are among the easiest of all plants to grow, anyone who plans to grow even a few Irises should not be content to achieve merely indifferent results. Most Irises will succeed well in any type of soil from almost pure sand to stiff clay. Where one may choose, a medium heavy, fairly well enriched soil-in other words, ordinary good garden soil-is to be preferred. Go easy on fertilizers, especially animal fertilizer; this sometimes promotes lush growth and eventual rot! Bone meal, well worked in, is safe, and good.

Don't plant in deeply shaded situation, and avoid places where roots of large trees or big shrubs rob the soil of plant food and moisture. Be sure drainage is good.

Plant at least two feet apart; after first year, sparse appearance will have vanished. If immediate effect is desired, plant in groups of three of a kind, about a foot apart, the groups at 3 foot intervals.

DISEASES AND PESTS: Although comparatively free from garden enemies, soft rot of the rhizomes or spotting of the foliage sometimes manifests itself. The former, usually the result of poor drainage or an over-wet season, can be controlled by cutting back to sound tissue or replanting. Leaf spot, like the measles, is not fatal. Cut away and burn infected foliage and dust with copper or Bordeaux solution. For Iris borer, or more detailed information on any of these subjects, drop a post card and ask for our 3-page leaflet on "Culture of Bearded Iris." It was included as an insert in last year's catalog, but it will be sent without charge to anyone requesting it.

This catalog is free to all customers of record over a two-year period, otherwise copies may be obtained for 25 c and this amount deducted from first order.

## AND PLANT AN IRIS

Before planting a new bed of Iris, dig in plant food and cultivate well. When ready to plant, dig two slanting holes, leaving a dividing ridge in the center.

Place rhizome directly over center of ridge and spread feeding roots evenly to each side. By spreading roots to either side, the plant is securely anchored.

Pull dirt in towards plant from either side. By pressing on top of root, proper planting depth may be regulated. Firm with foot and water well.


## AMERICAN IRIS SOCIETY 1949 OFFICIAL SYMPOSIUM OF IO0 MOST POPULAR IRIS

| Varieties in Order of Numerical Average | 1948 <br> Rating |
| :---: | :---: |
| 1. Ola Kala ('43) | 1 |
| 2. Great Lakes ('38) | 3 |
| 3. Chivalry ('44) | 2 |
| 4. Bryce Canyon ('44) | 6 |
| 5. Helen McGregor ('46) | 4 |
| 6. Blue Rhythm ('45) | 12 |
| 7. Sable ('38) | 10 |
| 8. Elmohr ('42) | 7 |
| 9. Blue Shimmer ('42) | 5 |
| 10. Master Charles ('43) | 8 |
| 11. Wabash ('36) | 16 |
| 12. Lady Mohr ('44) | 18 |
| 13. Berkeley Gold ('42) | 14 |
| 14. Mulberry Rose ('41) | 17 |
| 15. Azure Skies ('43) | 9 |
| 16. Snow Flurry ('39) | 27 |
| 17. Amandine ('46) | 15 |
| 18. Amigo ('34) | 19 |
| 19. Los Angeles ('27) | 71 |
| 20. Prairie Sunset ('39) | 35 |
| 21. Cascade Splendor ('45) | 13 |
| 22. Pink Cameo ('46) | 45 |
| 23. Ranger ('44) | 24 |
| 24. Tiffanja ('42) | 30 |
| 25. The Admiral ('41) | 31 |
| 26. New Snow ('46) | 21 |
| 27. Lady Boscawen ('46) | 23 |
| 28. Grand Canyon ('41) | 47 |
| 29. Solid Mahogany ('44) | 32 |
| 30. Chantilly ('45) | 37 |
| 31. Casa Morena ('43) | 28 |
| 32. Dreamcastle ('43) | 59 |

33. Blue Valley ('47)
34. Tobacco Road ('42)
35. Katherine Fay ('45)
36. Fair Elaine ('38)
37. Garden Glory ('43)
38. Rocket ('45)
39. Black Forest ('45)
40. Treasure Island ('37)
41. Golden Fleece ('40)
42. Spum Gold ('40)
43. Cherie ('47)
44. Moonlight Madonna ('43)
45. Minnie Colquitt ('42)
46. Extravaganza ('44)
47. Violet Symphony ('40)
48. Deep Velvet ('39)
49. China Maid ('36)
50. Chamois ('44)
51. Bandmaster ('44)
52. Matterhorn ('38)
53. Distance ('46)
54. Remembrance ('42)
55. Winter Carnival ('4l)
56. Firecracker ('43)
57. The Red Douglas ('37)
58. Gloriole ( 33 )
59. Spanish Peaks ('47)
60. City of Lincoln ('37)
61. Spindrift ('44)
62. Sylvia Murray ('44)
63. Golden Majesty ('38,
64. Captain Wells ('41)
65. Daybreak ('41)
66. Christabel ('36)
67. Golden Treasure ('36)
68. Fantasy ('47)
69. Goldbeater ('44)
70. Red Valor ('36)
71. Priscilla ('42)
72. Snow Carnival ('42)
73. White Wedgewood ('43)
74. Sharkskin ('42)
75. Vatican Purple ('43)
76. Elsa Sass ('39)
77. Mexico ('43)
78. Lynn Langford ('46)
79. Gudrun ('31)
80. Missouri ('33)
81. Nightfall ('42)
82. Junaluska ('34)
83. Three Oaks ('43)
84. Harriet Thoreau ('44)
85. Shining Waters ('33)
86. Lord Dongan ('40)
87. Ormohr ('37)
88. Desert Song ('46)
89. Gypsy ('44)
90. Old Parchment ('39)
91. Arab Chief ('44)
92. Angelus ('37)
93. Tiffany ('38)
94. Cloud Castle ('44)
95. Ming Yellow ('38)
96. Golden Eagle ('42)
97. Mary Vernon ('42)
98. Sierra Blue ('32)
99. Lighthouse ('36)
100. Pink Reflection ('42)


# IRIS <br> for <br> 1949 

